

**CLAIMS**

What is claimed is:

1           1.       A system, comprising:  
2           a controller generator that is adapted to provide an application with a  
3                     controller that receives a request for data from a user and responds  
4                     to the request by sending information to the user in a predetermined  
5                     format; and  
6           a layout manager generator that is adapted to provide a layout manager that  
7                     formats a c-frame based on configuration information and renders  
8                     the c-frame as part of the information sent to the user in response to  
9                     the request.

1           2.       The system set forth in claim 1, wherein the controller is adapted to  
2           read the configuration information from a configuration file.

1           3.       The system set forth in claim 2, wherein the configuration file is an  
2           extensible markup language ("XML") file.

1           4.       The system set forth in claim 2, wherein the configuration file  
2           contains configuration information corresponding to a plurality of portals.

1           5.       The system set forth in claim 4, wherein the layout manager is  
2       adapted to produce a different c-frame in response to requests received via each of  
3       the plurality of portals.

1           6.       The system set forth in claim 1, wherein the c-frame comprises a  
2       header, a left side bar and a footer.

1           7.       The system set forth in claim 6, wherein the header comprises a  
2       head.jsp object and a top.jsp object.

1           8.       A method, comprising:  
2       creating, with a processor-based device, a controller that adapted to receive  
3               a request for data from a user and respond to the request by sending  
4               information to the user in a predetermined format; and  
5       providing a layout manager that formats a c-frame based on configuration  
6               information and renders the c-frame as part of the information sent  
7       to the user in response to the request.

1           9.     The method set forth in claim 8, comprising adapting the controller  
2     to read the configuration information from a configuration file.

1           10.    The method set forth in claim 9, comprising defining the  
2     configuration file to be an extensible markup language ("XML") file.

1           11.    The method set forth in claim 9, comprising defining the  
2     configuration file to contain configuration information corresponding to a plurality  
3     of portals.

1           12.    The method set forth in claim 11, comprising adapting the layout  
2     manager to produce a different c-frame in response to requests received via each of  
3     the plurality of portals.

1           13.    The method set forth in claim 8, comprising defining the c-frame to  
2     comprise a header, a left side bar and a footer.

1           14.    The method set forth in claim 13, comprising defining the header to  
2     comprise a head.jsp object and a top.jsp object.

1           15.    A system, comprising:  
 2                means for creating a controller that receives a request for data from a user  
 3                and responds to the request by sending information to the user in a  
 4                predetermined format; and  
 5                means for creating a layout manager that formats a c-frame based on  
 6                configuration information and renders the c-frame as part of the  
 7                information sent to the user in response to the request.

1           16.    The system set forth in claim 15, wherein the controller is adapted  
 2                to read the configuration information from a configuration file.

1           17.    The system set forth in claim 16, wherein the configuration file is an  
 2                extensible markup language ("XML") file.

1           18.    The system set forth in claim 16, wherein the configuration file  
 2                contains configuration information corresponding to a plurality of portals.

1           19.    The system set forth in claim 18, wherein the layout manager is  
 2                adapted to produce a different c-frame in response to requests received via each of  
 3                the plurality of portals.

1           20.    The system set forth in claim 15, wherein the c-frame comprises a  
2   header, a left side bar and a footer.

1           21.    The system set forth in claim 20, wherein the header comprises a  
2   head.jsp object and a top.jsp object.

1           22.    A program for creating an application, the program comprising:  
2   a machine readable medium;  
3   a controller generator stored on the machine readable medium, the  
4               controller generator being adapted to provide an application with a  
5               controller that receives a request for data from a user and responds  
6               to the request by sending information to the user in a predetermined  
7               format; and  
8   a layout manager generator stored on the machine readable medium, the  
9               layout manager generator being adapted to provide a layout  
10              manager that formats a c-frame based on configuration information  
11              and renders the c-frame as part of the information sent to the user in  
12              response to the request.

1           23.     The program set forth in claim 22, wherein the controller is adapted  
2     to read the configuration information from a configuration file.

1           24.     The program set forth in claim 23, wherein the configuration file is  
2     an extensible markup language ("XML") file.

1           25.     The program set forth in claim 23, wherein the configuration file  
2     contains configuration information corresponding to a plurality of portals.

1           26.     The program set forth in claim 25, wherein the layout manager is  
2     adapted to produce a different c-frame in response to requests received via each of  
3     the plurality of portals.